What is claimed is:

1. A recording medium, including audio/video data; navigation data for control of searching and reproducing the audio/video data; and language-formatted data an audio/video presenting apparatus can interpret.

2. The recording medium set forth in claim 1, wherein said language-formatted data satisfies a digital television broadcast standard which has been proposed for applying Internet Protocol Language such as HTML, Java Script, CSS, and DOM to a television broadcast signal in order to provide various supplementary services through digital television broadcast signal.

3. The recording medium set forth in claim 1, wherein said language-formatted data are interleaved with the audio/video data within each pack in an area for the audio/video data.

4. The recording medium set forth in claim 1, wherein said language-formatted data are written in different packs with the audio/video data in an area for the audio/video data.

5. The recording medium set forth in claim 1, wherein said language-formatted data are written in an area for the navigation data with separation from the navigation data.

6. The recording medium set forth in claim 1, wherein said language-formatted data are divided into two parts which are written in two areas of navigation and audio/video data, respectively.

7. A method of providing supplementary service information for audio/video contents from a recording medium, comprising the steps of:

(a) reproducing audio/video data and language-formatted data,

which a digital television set can interpret, from a recording medium; and

    (b) transmitting the reproduced audio/video data and language-formatted data to a connected external apparatus through a digital interface.

    8. The method set forth in claim 7, wherein said step (a) checks a packet identifier of each transport packets reproduced from the recording medium, and discriminates language-formatted data packet from audio/video data packet based on the checked packet identifier.

    9. The method set forth in claim 8, wherein said step (a) identifies the values of packet identifiers of audio/video data and language-formatted data in advance from program service information written in navigation data area of the recording medium.

    10. The method set forth in claim 7, wherein said step (b) transmits both of the reproduced audio/video data and language-formatted data through an isochronous channel of the digital interface.

    11. The method set forth in claim 7, wherein said step (b) transmits the reproduce audio/video data and language-formatted data through an isochronous channel and an asynchronous channel respectively, of the digital interface.

    12. The method set forth in claim 7, further comprising the step of interpreting the reproduced language-formatted data, and conducting an operation in accordance with the interpretation.

    13. An apparatus of reproducing a recording medium containing supplementary service information for written audio/video contents, comprising:

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a data pickup reading data written in the recording medium;

a data separator separating the read data consisting of transport packets into audio/video data and language-formatted data, which a digital television set can interpret, based on packet
5 identifier of each transport packet; and

a data transmitter transmitting the separated audio/video data and language-formatted data to a connected external apparatus through a digital interface.

14. The apparatus set forth in claim 13, further comprising a
10 data interpreter interpreting the reproduced language-formatted data.

15. The apparatus set forth in claim 13, wherein said external apparatus is a digital television set connected through IEEE 1394 standard interface.

15   16. The apparatus set forth in claim 13, wherein said data transmitter supports bi-directional communication protocol for the language-formatted data.

17. The apparatus set forth in claim 16, wherein said language-formatted data has a syntax for supporting a way of
20 designating and accessing contents of other apparatus.